

ABSTRACT

The present invention relates to a speaker apparatus in which reproduced sound from a speaker unit is detected by a microphone and the reproduced sound from the speaker unit is corrected based on the detected signal. The speaker apparatus includes a speaker unit (1) for reproducing an output signal from an amplifier, a microphone (4) for detecting an acoustic output from speaker unit (1), and a feedback circuit for feeding the detected acoustic output signal back to the input side of the amplifier. By placing the microphone (4) near a position where sound pressure of at least one of second and higher pipe resonance of acoustic pipe (2) is at minimum, influence of second and higher resonance is reduced. As the influence is removed from the feedback circuit, stability of the feedback circuit is improved, and therefore, an acoustic characteristic of the speaker apparatus is improved.

2024-10-10 10:10:10